



**U.S. Department of Transportation
Research and Special Programs Administration
John A. Volpe National Transportation Systems Center**

PROGRESS REPORT IAG #DW69953792-01

**U.S. Environmental Protection Agency Region VIII
Environmental Compliance & Restoration Support**

Prepared by:

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Prepared for:

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October 26, 2000

PROGRESS REPORT
Environmental Compliance & Restoration Support

Libby, Montana Asbestos Project (N-0428, N-0079, N-0423)

A. Work Performed September 1 – 30, 2000:

The following activities were completed during the September reporting period:

- Completed a site Health and Safety Audit. The results from this audit, the audit conducted by NIOSH, and other Health and Safety QA activities will be rolled up into a report.
- Completed aerial photograph of the former Vermiculite Mine.
- Completed the majority of soil excavation on the property. All soil excavation for this season should be completed by early October.
- Stockpiled debris and soil in and around the long shed.
- Sample soil stockpile for herbicides, pesticides, TCL and TAL.
- Facilitated the training of surveyors.
- Completed the reconnaissance of the borrow-pit sources. All environmental and geotechnical samples will be collected by the first week of October.
- Completed the archaeological investigation. Conducted a teleconference with the Salish-Kootenai Tribal Council and EPA Region 8.
- Performed confirmatory soil sampling during the excavation effort
- Continued providing mobile laboratory support.
- Continued perimeter and personnel monitoring.
- Completed erosion control plan (hay bales, gently slopes, sediment basins) and provide to MARCOR for implementation.
- Conducted QA/QC of current erosion control and improved as necessary.
- Completed the Removal Action FSP based upon comments received from EPA.
- Arranged a meeting with the State Historic Preservation Officer and EPA regarding the site.
- Continued providing site security.
- Provided oversight support at the Export Plant.
- Provided background and confirmatory air sampling at the Export Facility
- Conducted as-requested sampling and analytical tasks.
- Assist with technical and payment issues associated with the temporary facilities, St. John's Lutheran Hospital, and the Parkers.
- Communicated daily with OSCs and storefront regarding project status.
- Conducted administrative and accounting activities.
- Conducted contract and project management activities.

B. Work Planned for October 1 – 31, 2000:

The following activities are planned for the September reporting period:

- Conduct a quality assurance review of the appraisal prepared for the Parkers by Lloyd Barrie Appraisals. Complete erosion control plan (hay bales, gently slopes, sediment basins) and provide to MARCOR for implementation.
- Conduct QA/QC of current erosion control and improve as necessary.
- Complete borrow-source sampling program and select final borrow source (s).
- Complete reshaping of north side of property prior to the conduct of surveying.
- Conduct surveying of the excavated portions of the Parker property to determine the topography of the excavated property and to determine volume of soil excavated.
- Complete up-front erosion control activities and conduct backfilling operation.
- Conduct density testing of backfill lifts (every 12").
- Place membrane at four-foot excavation depth prior to backfilling north side of property.
- Purchase the soil stockpile material.
- Acquire and place rip-rap material over pockets of vermiculite on the south-side of the property.
- Develop a winter cover plan for the long shed and associated properties. Provide to MARCOR for implementation upon completion.
- Perform confirmatory soil sampling during the excavation effort.
- Perform air monitoring to determine the limits of the unregulated zone.
- Continue perimeter and personnel monitoring.
- Conduct any additional sampling and analytical activities.
- Provide oversight at the Export Facility.
- Provide background and confirmatory air sampling at the Export Facility.
- Complete the Removal Action FSP (Revision 1) based upon comments received from EPA.
- Continue providing security and mobile laboratory support.
- Support enforcement issues such as providing property maps and cost documentation.
- Communicate daily with OSCs and storefront regarding project status.
- Conduct administrative and accounting activities.
- Conduct contract and project management activities.

C. Last Period's Outstanding Issues/Discussion Items

- The total potential cost for backfill is as follows:
 - * Kendall Ward Trucking at \$5.50/cubic yard for 65,000 cubic yards = \$357,500
 - * Birk Construction at \$8.76/cubic yard (first 10,000 cubic yards) = \$87,600
 - * Birk Construction at \$7.96/cubic yard (10,001 cubic yards to 65,000 cubic yards) = \$437,800

Two vendors will be utilized so that the Parker's property will have backfill that is effective for both structural and agronomic purposes. The Government is only committed to buying base amounts of soil from each vendor (10,000 cubic yards). Therefore, the minimum cost to the Government for backfill will be \$142,600 (Ward at \$55,000 and Birk at \$87,600).

- In their 9/8/00 correspondence to EPA, Grace indicated that they have a source for backfill material for the Export Plant. Volpe requests that EPA discuss the source's availability to EPA. If available, Volpe will fully characterize the soil prior to acceptance. *Volpe has found acceptable sources and does not require the Grace source.*

- Support to the EPA's PE Program and associated activities (i.e., Berman, Phase II Sampling) is on-hold pending additional direction and information. *Volpe is now supporting development of Part C of the PE Study, pursuing a contract with Mr. Wayne Berman, and preparing to receive the Phase II SAP for subsequent review.*

D. Current Period's Outstanding Issues/Discussion Items

- The Volpe Center will not purchase topsoil this fall. The purchase will take place in the Spring. In the interim, the Volpe Center may need to provide a small amount of topsoil for restoring trees.

E. Cost Summary (see Attachment 1):

Libby Economic Analysis Project (N-0064)

Project Complete. The effort was completed for a cost of approximately \$3300, 33% under budget. The \$1700 of remaining funds can be authorized for other work as required.

Jacobs Smelter Project (N-0329)

No activities this period.

Lockwood Solvents Project (N-0386)

No activities this period.

Aspen Park Solvents Project (N-0332)

A. Work Performed September 1 – 30, 2000:

- Provided routing maintenance on the source removal system.
- Remained on-call to residents.

B. Work Planned October 1 – 31, 2000.

- Provide services in accordance with the scope of services.

C. Last Period's Outstanding Issues/Discussion Items

D. Current Period's Outstanding Issues/Discussion Items

E. Cost Summary (see Attachment 1):

Safety & Security (Counter-terrorism) Project (N-0350)

No activities this period.

Asbestos Sampling (N-0131)

A. Work Performed September 1 -30, 2000:

As requested by the OSC, the Volpe Center assisted with logistics of sample analysis.

B. Work Planned for October 1 -31, 2000:

Continue providing support to the OSC's sampling and analysis efforts.

C. Last Period's Outstanding Issues/Discussion Items

D. Current Period's Outstanding Issues/Discussion Items

E. Cost Summary (see Attachment 1):

**ATTACHMENT 1
(COST SUMMARIES)**

PLANS, ADVANCES and EXPENDITURES SUMMARY
Volpe IAG#DW69953792-01

PLANS - WAF HISTORY	DATE	Libby, MT	Jacobs Smelters	Lockwood	Aspen Park Solvents	Libby Cost Analysis	Safety & Security	Libby Remediation	Libby Sampling	Libby Remediation Export Plant	TOTAL
a/o 9/30/00											
99T8ALOEFAX082XRV00	04/27/1999		\$ 475,000								\$ 475,000
99T8ALOEFAX082XWQ00	04/27/1999		\$ 1,000,000								\$ 1,000,000
99T8ALOEFAX086DRV00	04/27/1999				\$ 25,000						\$ 25,000
99T8ALOEFAX08WQBN00	06/07/1999						\$ 15,000				\$ 15,000
99T8ALOEFAX08WQBC00	12/01/1999	\$ 250,000									\$ 250,000
99T8ALOEFAX08BCRS00	12/15/1999	\$ 350,000									\$ 350,000
99T8ALOEFAX082XWQ00	12/22/1999		\$ 4,625,000								\$ 4,625,000
99T8ALOEFAX086DRV00	01/05/2000				\$ 80,000						\$ 80,000
99T8ALOEFAX08AKRV00	02/04/2000			\$ 20,000							\$ 20,000
99T8ALOEFAX082XRV00	02/14/2000		\$ 400,000								\$ 400,000
99T8ALOEFAX08AKRV00	02/14/2000			\$ 20,000							\$ 20,000
99T8ALOEFAX08BCBN00	02/23/2000	\$ 200,000									\$ 200,000
99T8ALOEFAX08BCRV00	03/29/2000	\$ 1,700,000									\$ 1,700,000
99T8ALOEFAX0800BN00	03/29/2000					\$ 5,000					\$ 5,000
99T8ALOE50201D08BCRV01	05/16/2000									\$ 200,000	\$ 200,000
99T8ALOE50201D08BCRV02	05/18/2000							\$ 1,200,000			\$ 1,200,000
99T8ALOE50102D08BCRV02	06/29/2000							\$ 143,000			\$ 143,000
99T8ALOE50102D08BCRV02	06/29/2000							\$ 750,000			\$ 750,000
00T8ALOE50102D08BCRV02	08/23/2000							\$ 2,600,000			\$ 2,600,000
00T8ALOE50102D08BCRV00	08/21/2000								\$ 20,000		\$ 20,000
00T8ALOE50102D08BCRV01	08/23/2000									\$ 300,000	\$ 300,000
00T8ALOE50102D08BCRV00	08/23/2000	\$ 500,000									\$ 500,000
00T8ALOE50102D08BCRV02	09/29/2000							\$ 800,000			\$ 800,000
TOTAL WAFs		\$ 3,000,000	\$ 6,500,000	\$ 40,000	\$ 105,000	\$ 5,000	\$ 15,000	\$ 5,493,000	\$ 20,000	\$ 500,000	\$ 15,678,000

ADVANCES	DATE	Libby, MT	Jacobs Smelters	Lockwood	Aspen Park Solvents	Libby Cost Analysis	Safety & Security	Libby Remediation	Libby Sampling	Libby Remediation Export Plant	TOTAL
a/o 9/30/00											
Inv 03802348	02/19/1999		\$ 75,000		\$ 25,000						\$ 100,000
Inv 03802584	05/26/1999		\$ 185,000				\$ 15,000				\$ 200,000
Inv 03802635	06/22/1999		\$ 2,000,000								\$ 2,000,000
Inv 03802740	08/26/1999		\$ 980,000	\$ 20,000							\$ 1,000,000
Inv 03802893	10/28/1999	\$ 250,000	\$ 750,000								\$ 1,000,000
Inv 03802935	12/14/1999		\$ 1,400,000	\$ 20,000	\$ 80,000						\$ 1,500,000
March advance	March, 2000	\$ 145,000	\$ 350,000			\$ 5,000					\$ 500,000
May advance	May, 2000	\$ 350,000	\$ 150,000								\$ 500,000
July advance	July, 2000	\$ 500,000						\$ 308,000		\$ 100,000	\$ 908,000
September advance	September, 00	\$ 300,000	\$ 300,000					\$ 1,230,000	\$ 20,000		\$ 1,850,000
TOTAL ADVANCES		\$ 1,545,000	\$ 6,190,000	\$ 40,000	\$ 105,000	\$ 5,000	\$ 15,000	\$ 1,538,000	\$ 20,000	\$ 100,000	\$ 9,558,000
Balance to Advance		\$ 1,455,000	\$ 310,000	\$ -	\$ -	\$ -	\$ -	\$ 3,955,000	\$ -	\$ 400,000	\$ 6,120,000

EXPENDITURES		Libby, MT	Jacobs Smelters	Lockwood	Aspen Park Solvents	Libby Cost Analysis	Safety & Security	Libby Remediation	Libby Sampling	Libby Remediation Export Plant	TOTAL
a/o 9/30/00											
Volpe Engineering		\$ 296,250	\$ 410,700	\$ 2,730	\$ 3,902	\$ 3,207	\$ 1,315	\$ 93,341	\$ -	\$ 5,158	\$ 816,611
Contracts		\$ 1,037,247	\$ 5,535,759	\$ 13,208	\$ 24,100	\$ -	\$ -	\$ 1,131,628	\$ -	\$ 57,490	\$ 7,799,432
Equip/supplies		\$ 98,203	\$ 20,783	\$ 27	\$ -	\$ -	\$ -	\$ 1,593	\$ 200	\$ -	\$ 120,805
G&A		\$ 71,173	\$ 220,613	\$ 492	\$ 2,799	\$ -	\$ -	\$ 116,099	\$ 7	\$ 11,069	\$ 422,252
TOTAL EXPENDITURES		\$ 1,502,873	\$ 6,187,855	\$ 16,458	\$ 30,800	\$ 3,207	\$ 1,315	\$ 1,342,661	\$ 207	\$ 73,726	\$ 9,159,102

CURRENT MONTH EXPEND.		\$ 180,859	\$ 315,586	\$ 5,289	\$ 10,916	\$ (1,173)	\$ -	\$ 686,355	\$ 207	\$ 70,149	\$ 1,268,189
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EPA SUMMARY

USEPA/Volpe IAG (IAG #DW69953792-01)
 Financial Summary
 A/O 9/30/00

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000		\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000		\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000		\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000		\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000		\$ 3,000,000
6) Libby Cost Analysis (N-0064)	\$ 5,000		\$ 5,000
7) Libby Remediation Explort Plant (N-0423)	\$ 500,000		\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000		\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized (WAFS)	\$ 15,678,000	A	\$ 15,678,000
Total EPA Funds Received	\$ 19,958,000	B	\$ 19,958,000
Unallocated Funds	\$ 4,280,000	A - B	\$ 4,280,000

Costs Incurred

<u>Description</u>	<u>Cumulative Committed Costs</u>		<u>Cumulative Accrued Costs</u>	
<u>Volpe Engineering:</u>		<u>Current Month</u>		<u>Current Month</u>
Volpe Labor	\$ 431,185	\$ 19,187	\$ 431,185	\$ 19,187
Overhead (65.5% of Labor)	\$ 278,831	\$ 11,417	\$ 278,831	\$ 11,417
Volpe Admin Support	\$ 7,360	\$ (6,457)	\$ 7,360	\$ 1,347
Volpe Travel	\$ 99,236	\$ 5,115	\$ 99,236	\$ 12,481
Subtotal-Volpe Engineering	\$ 816,611	\$ 29,262	\$ 816,611	\$ 44,432
<u>Contracts:</u>				
1) Jacob's Smelter (N-0329)	\$ 5,748,335	\$ (17,670)	\$ 5,535,759	\$ 318,748
2) EPA Security & Safety (N-0350)	\$ -	\$ -	\$ -	\$ -
3) Aspen Park (N-0332)	\$ 71,762	\$ -	\$ 24,100	\$ 10,591
4) Lockwood Solvents (N-0386)	\$ 13,208	\$ (4,296)	\$ 13,208	\$ 5,221
5) Libby Emergency Response (N-0428)	\$ 1,896,854	\$ (49,850)	\$ 1,037,247	\$ 148,664
6) Libby Cost Analysis (N-0064)	\$ -	\$ -	\$ -	\$ -
7) Libby Remediation Export Plant (N-0423)	\$ 312,687	\$ 157,785	\$ 57,490	\$ 57,490
8) Libby Remediation(N-0079)	\$ 3,276,586	\$ 642,543	\$ 1,131,628	\$ 640,521
9) Libby Sampling (N0131)	\$ -	\$ -	\$ -	\$ -
Subtotal-Contracts	\$ 11,319,432	\$ 728,512	\$ 7,799,432	\$ 1,181,235
<i>Volpe Equip/Supplies/Other</i>	\$ 132,305	\$ (11,752)	\$ 120,805	\$ 9,068
<i>Volpe G&A (3.9% of Contracts)</i>	\$ 422,252	\$ 3,341	\$ 422,252	\$ 33,455
Total Cost	\$ 12,690,602	\$ 749,363 C	\$ 9,159,102	\$ 1,268,189
Available Authorized Funds	\$ 2,987,398		\$ 6,518,898	
Available Funds	\$ 7,267,398		\$ 10,798,898	

**Libby Cost Analysis
Financial Summary
A/O 9/30/00**

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000		\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000		\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000		\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000		\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000		\$ 3,000,000
6) Libby Cost Analysis (N0064)	\$ 5,000	A	\$ 5,000
7) Libby Remediation Export Plant (N-0423)	\$ 500,000		\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000		\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 15,678,000		\$ 15,678,000

Costs Incurred (Libby Cost Analysis)

<u>Description</u>	<u>Cumulative Committed Costs</u>		<u>Current Month</u>	<u>Cumulative Accrued Costs</u>		<u>Current Month</u>
<i>Volpe Engineering:</i>						
Volpe Labor	\$ 1,943	\$	(704)	\$ 1,943	\$	(704)
Overhead (65.5% of Labor)	\$ 1,264	\$	(469)	\$ 1,264	\$	(469)
Volpe Travel	\$ -	\$	-	\$ -	\$	-
Subtotal-Volpe Engineering	\$ 3,207	\$	(1,173)	\$ 3,207	\$	(1,173)
<i>Contracts:</i>						
Subtotal-Contracts	\$ -	\$	-	\$ -	\$	-
Volpe Equip/Supplies/Other:	\$ -	\$	-	\$ -	\$	-
Volpe G&A (3.9% of Contracts)	\$ -	\$	-	\$ -	\$	-
Total Libby Cost Analysis Cost	\$ 3,207	\$	(1,173) B	\$ 3,207	\$	(1,173)
Available Libby Cost Analysis Funds	\$ 1,793		A-B	\$ 1,793		

**Libby Asbestos Project
Financial Summary
A/O 9/30/00**

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000		\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000		\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000		\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000		\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000	A	\$ 3,000,000
6) Libby Cost Analysis (N0064)	\$ 5,000		\$ 5,000
7) Libby Remediation Export Plant (N-0423)	\$ 500,000		\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000		\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 15,678,000		\$ 15,678,000

Costs Incurred (Libby Project)

<u>Description</u>	<u>Cumulative Committed Costs</u>	<u>Current Month</u>	<u>Cumulative Accrued Costs</u>	<u>Current Month</u>
<i>Volpe Engineering/Proj. Mgmt.:</i>				
Volpe Labor	\$ 152,060	\$ 12,863	\$ 152,060	\$ 12,863
Overhead (65.5% of Labor)	\$ 98,947	\$ 7,773	\$ 98,947	\$ 7,773
Volpe Admin Support	\$ 5,920	\$ (431)	\$ 5,920	\$ 481
Volpe Travel	\$ 39,323	\$ 5,125	\$ 39,323	\$ 12,481
Subtotal-Volpe Engineering	\$ 296,250	\$ 25,329	\$ 296,250	\$ 33,598
<i>Contracts:</i>				
CDM Federal Programs	\$ 1,759,419	\$ (49,850)	\$ 899,933	\$ 145,520
Concensus Assoc	\$ 2,325	\$ -	\$ 2,325	\$ 53
Birk Construction	\$ 98,197	\$ -	\$ 98,197	\$ -
Marcor	\$ 14,498	\$ -	\$ 14,377	\$ 591
Southwest Imaging	\$ 15,000	\$ -	\$ 15,000	\$ -
St Johns Hospital	\$ 2,500	\$ -	\$ 2,500	\$ 2,500
Kootenai Surveyors	\$ 4,915	\$ -	\$ 4,915	\$ -
Subtotal-Contracts	\$ 1,896,854	\$ (49,850)	\$ 1,037,247	\$ 148,664
<i>Volpe Equip/Supplies/Other:</i>	\$ 109,703	\$ 1,990	\$ 98,203	\$ 5,310
<i>Volpe G&A (3.9% of Contracts)</i>	\$ 71,173	\$ (9,160)	\$ 71,173	\$ (6,712)
Total Libby Cost	\$ 2,373,979	\$ (31,691) B	\$ 1,502,873	\$ 180,859
Available Libby Funds	\$ 626,021		\$ 1,497,127	A-B

**Libby Remediation Export Plant
Financial Summary
A/O 9/30/00**

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000		\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000		\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000		\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000		\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000		\$ 3,000,000
6) Libby Cost Analysis (N0064)	\$ 5,000		\$ 5,000
7) Libby Remediation Export Plant (N-0423)	\$ 500,000	A	\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000		\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 15,678,000		\$ 15,678,000

Costs Incurred (Libby Remediation Export Plant)

<u>Description</u>	<u>Cumulative Committed Costs</u>		<u>Cumulative Accrued Costs</u>	
		<u>Current Month</u>		<u>Current Month</u>
<i>Volpe Engineering:</i>				
Volpe Labor	\$ 3,130	\$ 969	\$ 3,130	\$ 969
Overhead (65.5% of Labor)	\$ 2,037	\$ 621	\$ 2,037	\$ 621
Volpe Travel	\$ -	\$ -	\$ -	\$ -
Subtotal-Volpe Engineering	\$ 5,166	\$ 1,590	\$ 5,166	\$ 1,590
<i>Contracts:</i>				
CDM	\$ 312,687	\$ 157,785	\$ 57,490	\$ 57,490
Subtotal-Contracts	\$ 312,687	\$ 157,785	\$ 57,490	\$ 57,490
<i>Volpe Equip/Supplies/Other:</i>				
Volpe G&A (3.9% of Contracts)	\$ -	\$ -	\$ -	\$ -
Total Libby Remediation Export Plant Cost	\$ 328,923	\$ 164,403	\$ 73,726	\$ 70,149
Available Libby Remediation Export Plant Funds	\$ 171,077		\$ 426,274	A-B

**Libby Remediation
Financial Summary
A/O 9/30/00**

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000		\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000		\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000		\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000		\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000		\$ 3,000,000
6) Libby Cost Analysis (N0064)	\$ 5,000		\$ 5,000
7) Libby Remediation Explort Plant (N-0423)	\$ 500,000		\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000	A	\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 15,678,000		\$ 15,678,000

Costs Incurred (Libby Remediation)

<u>Description</u>	<u>Cumulative Committed Costs</u>		<u>Cumulative Accrued Costs</u>	
<u>Volpe Engineering:</u>		<u>Current Month</u>		<u>Current Month</u>
Volpe Labor	\$ 47,269	\$ 6,416	\$ 47,269	\$ 6,416
Overhead (65.5% of Labor)	\$ 30,758	\$ 4,000	\$ 30,758	\$ 4,000
Volpe Admin Support	\$ 1,440	\$ (6,026)	\$ 1,440	\$ 865
Volpe Travel	\$ 13,874	\$ -	\$ 13,874	\$ -
Subtotal-Volpe Engineering	\$ 93,341	\$ 4,389	\$ 93,341	\$ 11,281
 <u>Contracts:</u>				
Marcor	\$ 2,364,167	\$ 663,396	\$ 928,307	\$ 539,702
Fill/topsoil (not awarded yet)	\$ -	\$ (106,500)	\$ -	\$ -
Trucking (not awarded yet)	\$ -	\$ (99,888)	\$ -	\$ -
Parker Relocation	\$ 24,200	\$ (4,630)	\$ 24,200	\$ 16,958
Apex	\$ 2,081	\$ (13,544)	\$ 2,081	\$ -
Argus	\$ 27,179	\$ (4,150)	\$ 27,179	\$ 18,360
CDM	\$ 858,959	\$ 207,859	\$ 149,862	\$ 65,500
Subtotal-Contracts	\$ 3,276,586	\$ 642,543	\$ 1,131,628	\$ 640,521
Volpe Equip/Supplies/Other:	\$ 1,593	\$ (8,594)	\$ 1,593	\$ 1,406
Volpe G&A (3.9% of Contracts)	\$ 116,099	\$ 12,688	\$ 116,099	\$ 33,148
Total Libby Remediation Cost	\$ 3,487,619	\$ 651,027 B	\$ 1,342,661	\$ 686,355
 Available Libby Remediation Funds	\$ 2,005,381		\$ 4,150,339	

**Jacob's Smelter
Financial Summary
A/O 9/30/00**

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000	A	\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000		\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000		\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000		\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000		\$ 3,000,000
6) Libby Cost Analysis (N0064)	\$ 5,000		\$ 5,000
7) Libby Remediation Export Plant (N-0423)	\$ 500,000		\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000		\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 15,678,000		\$ 15,678,000

Costs Incurred (Jacobs Project)

<u>Description</u>	<u>Cumulative Committed Costs</u>		<u>Cumulative Accrued Costs</u>	
	<u>Current Month</u>		<u>Current Month</u>	
<i>Volpe Engineering/Proj. Mgmt.:</i>				
Volpe Labor	\$ 221,964	\$ (609)	\$ 221,964	\$ (609)
Overhead (65% of Labor)	\$ 142,697	\$ (655)	\$ 142,697	\$ (655)
Volpe Travel	\$ 46,039	\$ (10)	\$ 46,039	\$ -
Subtotal-Volpe Engineering	\$ 410,700	\$ (1,274)	\$ 410,700	\$ (1,264)

Contracts:

Initial Site Walks	\$ 4,519	\$ -	\$ -	\$ -
Soil Transport & Disposal	\$ 1,695,822	\$ -	\$ -	\$ -
Plans/Site Office	\$ 82,573	\$ -	\$ -	\$ -
Security	\$ 68,471	\$ (4,079)	\$ -	\$ -
Site Removal/Replacement	\$ 2,214,357	\$ -	\$ -	\$ -
Soil Treatment	\$ 899,398	\$ -	\$ -	\$ -
Site Landscaping	\$ 414,967	\$ -	\$ -	\$ -
Staging Area Restoration	\$ 368,228	\$ (13,591)	\$ -	\$ -
Subtotal-Contracts	\$ 5,748,335	\$ (17,670)	\$ 5,535,759	\$ 318,748
<i>Volpe Equip/Supplies/Other:</i>	\$ 20,783	\$ (2,849)	\$ 20,783	\$ 2,151
<i>Volpe G&A (3.9% of Contracts)</i>	\$ 220,613	\$ (4,933)	\$ 220,613	\$ (4,049)
Total Jacobs Cost	\$ 6,400,431	\$ (26,726) B	\$ 6,187,855	\$ 315,586
Available Jacobs Funds	\$ 99,569		A-B \$ 312,145	

**Lockwood Solvents Project
Financial Summary
A/O 9/30/00**

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000		\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000		\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000		\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000	A	\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000		\$ 3,000,000
6) Libby Cost Analysis (N0064)	\$ 5,000		\$ 5,000
7) Libby Remediation Export Plant (N-0423)	\$ 500,000		\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000		\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 15,678,000		\$ 15,678,000

Costs Incurred (Lockwood Project)

<u>Description</u>	<u>Cumulative Committed Costs</u>		<u>Cumulative Accrued Costs</u>	
		<u>Current Month</u>		<u>Current Month</u>
<i>Volpe Engineering:</i>				
Volpe Labor	\$ 1,653.70	\$ 49.94	\$ 1,653.70	\$ 49.94
Overhead (65.5% of Labor)	\$ 1,076.07	\$ 25.61	\$ 1,076.07	\$ 25.61
Volpe Travel	\$ -	\$ -	\$ -	\$ -
Subtotal-Volpe Engineering	\$ 2,730	\$ 76	\$ 2,730	\$ 76
<i>Contracts:</i>				
Culligan Water	\$ 6,888	\$ (3,544)	\$ 6,888	\$ 4,815
Pioneer Water	\$ 6,320	\$ (752)	\$ 6,320	\$ 406
Subtotal-Contracts	\$ 13,208	\$ (4,296)	\$ 13,208	\$ 5,221
<i>Volpe Equip/Supplies/Other:</i>	\$ 27	\$ -	\$ 27	\$ -
<i>Volpe G&A (3.9% of Contracts)</i>	\$ 492	\$ (191)	\$ 492	\$ (8)
Total Lockwood Cost	\$ 16,458	\$ (4,412) B	\$ 16,458	\$ 5,289
 Available Lockwood Funds	 \$ 23,542		 \$ 23,542	 A-B

**Aspen Park Project
Financial Summary
A/O 9/30/00**

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000		\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000		\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000	A	\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000		\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000		\$ 3,000,000
6) Libby Cost Analysis (N0064)	\$ 5,000		\$ 5,000
7) Libby Remediation Export Plant (N-0423)	\$ 500,000		\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000		\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 15,678,000		\$ 15,678,000

Costs Incurred (Aspen Park Project)

<u>Description</u>	<u>Cumulative Committed Costs</u>		<u>Cumulative Accrued Costs</u>	
<i>Volpe Engineering:</i>		<u>Current Month</u>		<u>Current Month</u>
Volpe Labor	\$ 2,364	\$ 202	\$ 2,364	\$ 202
Overhead (65.5% of Labor)	\$ 1,538	\$ 122	\$ 1,538	\$ 122
Volpe Travel	\$ -	\$ -	\$ -	\$ -
Subtotal-Volpe Engineering	\$ 3,902	\$ 325	\$ 3,902	\$ 325
<i>Contracts:</i>				
ECC	\$ 71,762	\$ -	\$ 24,100	\$ 10,591
Subtotal-Contracts	\$ 71,762	\$ -	\$ 24,100	\$ 10,591
<i>Volpe Equip/Supplies/Other:</i>	\$ -	\$ -	\$ -	\$ -
<i>Volpe G&A (3.9% of Contracts)</i>	\$ 2,799	\$ -	\$ 2,799	\$ -
Total Aspen Park Cost	\$ 78,462	\$ 325	\$ 30,800	\$ 10,916
Available Aspen Park Funds	\$ 26,538		\$ 74,200	

**Safety & Security Project
Financial Summary
A/O 9/30/00**

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000		\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000	A	\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000		\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000		\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000		\$ 3,000,000
6) Libby Cost Analysis (N0064)	\$ 5,000		\$ 5,000
7) Libby Remediation Export Plant (N-0423)	\$ 500,000		\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000		\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000		\$ 20,000
Total EPA Funds Authorized	\$ 15,678,000		\$ 15,678,000

Costs Incurred (Safety & Security)

<u>Description</u>	<u>Cumulative Committed Costs</u>		<u>Cumulative Accrued Costs</u>	
		<u>Current Month</u>		<u>Current Month</u>
<i>Volpe Engineering:</i>				
Volpe Labor	\$ 802	\$ -	\$ 802	\$ -
Overhead (65.5% of Labor)	\$ 513	\$ -	\$ 513	\$ -
Volpe Travel	\$ -	\$ -	\$ -	\$ -
Subtotal-Volpe Engineering	\$ 1,315	\$ -	\$ 1,315	\$ -
<i>Contracts:</i>				
Subtotal-Contracts	\$ -	\$ -	\$ -	\$ -
Volpe Equip/Supplies/Other:	\$ -	\$ -	\$ -	\$ -
Volpe G&A (3.9% of Contracts)	\$ -	\$ -	\$ -	\$ -
Total Safety & Security Cost	\$ 1,315	\$ -	\$ 1,315	\$ -
Available Safety & Security Funds	\$ 13,685		\$ 13,685	

**Libby Sampling
Financial Summary
A/O 9/30/00**

<u>Funds Authorized</u>	<u>Planned</u>		<u>Planned</u>
1) Jacob's Smelter (N-0329)	\$ 6,500,000		\$ 6,500,000
2) EPA Security & Safety (N-0350)	\$ 15,000		\$ 15,000
3) Aspen Park (N-0332)	\$ 105,000		\$ 105,000
4) Lockwood Solvents (N-0386)	\$ 40,000		\$ 40,000
5) Libby Emergency Response (N-0428)	\$ 3,000,000		\$ 3,000,000
6) Libby Cost Analysis (N0064)	\$ 5,000		\$ 5,000
7) Libby Remediation Export Plant (N-0423)	\$ 500,000		\$ 500,000
8) Libby Remediation (N0079)	\$ 5,493,000		\$ 5,493,000
9) Libby Sampling (N0131)	\$ 20,000	A	\$ 20,000
Total EPA Funds Authorized	\$ 15,678,000		\$ 15,678,000

Costs Incurred (Libby Sampling)

<u>Description</u>	<u>Cumulative Committed Costs</u>		<u>Current Month</u>	<u>Cumulative Accrued Costs</u>		<u>Current Month</u>
<i>Volpe Engineering:</i>						
Volpe Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Overhead (65.5% of Labor)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Volpe Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Subtotal-Volpe Engineering</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>
<i>Contracts:</i>						
<i>Subtotal-Contracts</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>
<i>Volpe Equip/Supplies/Other:</i>	<i>\$ 200</i>	<i>\$ 200</i>	<i>\$ (2,300)</i>	<i>\$ 200</i>	<i>\$ 200</i>	<i>\$ 200</i>
<i>Volpe G&A (3.9% of Contracts)</i>	<i>\$ 7</i>	<i>\$ 7</i>	<i>\$ (90)</i>	<i>\$ 7</i>	<i>\$ 7</i>	<i>\$ 7</i>
Total Libby Sampling Cost	\$ 207	\$ 207	\$ (2,390) B	\$ 207	\$ 207	\$ 207
Available Libby Sampling Funds	\$ 19,793		A-B	\$ 19,793		

TRANSMISSION VERIFICATION REPORT

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